



PATENT  
Customer No. 22,852  
Attorney Docket No. 07787.0023-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Marian L. McKee, et al.

Application No.: 08/837,459

Filed: April 18, 1997

For: HISTIDINE-TAGGED INTIMIN  
AND METHODS OF USING  
INTIMIN TO STIMULATE AN  
IMMUNE RESPONSE AND  
AS AN ANTIGEN CARRIER WITH  
TARGETING CAPABILITY

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) Group Art Unit: 1645  
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) Office: V. Portner  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Office the documents listed on the attached PTO form 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p). Copies of the listed documents are attached.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed

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Attorney D cket N .: 07787.0023-00

documents are material or constitute "prior art." If the Office applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement that is not found herewith, please charge the fee to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
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Dated: January 30, 2004

By: Elizabeth A. Doherty  
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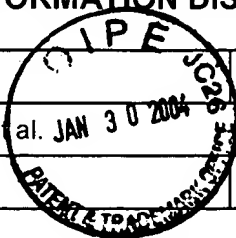
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# INFORMATION DISCLOSURE CITATION

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Applicant	Marian L. MCKEE et al.		
Filing Date	April 18, 1997	Group:	1645



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## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	6,261,561 B1	July 17, 2001	Stewart et al.	424	184.1	
	2	6,406,885 B1	June 18, 2002	Stewart et al.	435	69.1	

## FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

3	G. Frankel et al., "Intimin from Enteropathogenic <i>Escherichia coli</i> Restores Murine Virulence to a <i>Citrobacter rodentium eaeA</i> Mutant: Induction of an Immunoglobulin A Response to Intimin and EspB," <i>Infection and Immunity</i> , 64(12):5315-5325 (1996).
4	S. Barzu et al., "Characterization of B-Cell Epitopes on IpaB, an Invasion-Associated Antigen of <i>Shigella flexneri</i> : Identification of an Immunodominant Domain Recognized during Natural Infection," <i>Infection and Immunity</i> , 61(9):3825-3831 (1993).
5	T.K. McDaniel et al., "A Genetic Locus of Enterocyte Effacement Conserved Among Diverse Enterobacterial Pathogens," <i>Proc. Natl. Acad. Sci. USA</i> , 92:1664-1668 (1995).
6	M. Simonet et al., "Immunization with Live <i>aroA</i> Recombinant <i>Salmonella typhimurium</i> Producing Invasion Inhibits Intestinal Translocation of <i>Yersinia pseudotuberculosis</i> ," <i>Infection and Immunity</i> , 62(3):863-867 (1994).

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce